

# XTRM™ Exterior Window Film

A whole new class of durable and sustainable solar control



Solar

Avery Dennison® XTRM sustainable solar control window films are a new generation of long life exterior window films. XTRM has exceptional durability and delivers energy-efficient solar performance, reducing carbon footprint, year after year. XTRM films are backed by a limited warranty of up to 15 years\*.

Developed for commercial projects with a long-term service period, Avery Dennison XTRM window films deliver outstanding levels of heat rejection and UV block that reduce cooling output and environmental impact. XTRM films are compatible with nearly all types of glazing.



## Horizontal & Sloped Glazing



R SkyLite 20 XTRM

## R SkyLite 20 XTRM™

### R SkyLite 20 XTRM Poly™

Our reflective Skylight films are specifically engineered to withstand demanding horizontal and sloped exterior roof applications. Based on a flexible and resilient metallized polymeric film, R SkyLite 20 XTRM has an adhesive system for exterior application on glass, while R SkyLite 20 XTRM Poly was developed for exterior adhesion to rigid plastics such as Polycarbonate and PMMA.



## Vertical Glazing



DR Grey XTRM

## R Silver 20 XTRM™

Our XTRM silver film for vertical glazing application delivers the exceptional heat rejection that improve a building's green profile with the limited lifetime durability you'd expect from an interior film. Tested under extreme lab weathering conditions and demonstrated in the field, R Silver 20 XTRM film have proven endurance and performance, year after year.

## DR Grey 20 XTRM™

DR Grey 20 XTRM dual reflective film, based on metallized polymeric combined with nanotechnology, delivers excellent heat rejection performance. The film's dual reflective structure is a combination of a reflective outer layer for privacy and a neutral inner layer with nanotechnology that maintains views outside.



Inspired Brands.  
Intelligent World.™



UV Block



Lower  
heat gain



Light  
control



Aesthetics

## Features and Benefits

- > Outstanding solar control for less air conditioning and smaller carbon footprint
- > Warm, neutral, low-reflective interior layer, preserving ambience and views (DR Grey 20 XTRM)
- > Maintains daytime privacy
- > Bold appearance upgrades building exterior
- > Uses advanced nanotechnology for improved performance and colour stability (DR Grey 20 XTRM)
- > Challenging horizontal & sloped applications (R SkyLite 20 XTRM, R SkyLite 20 XTRM Poly)
- > Vertical applications (R Silver 20 XTRM, DR Grey 20 XTRM)
- > Excellent heat and glare rejection for interior comfort and more sustainable buildings
- > Exceptional longevity: up to 15 years limited warranty\*
- > Impressive UV protection: 99.9%
- > Convenient exterior installation with minimum disruption
- > Compatible with almost all glazing systems

Optical and Solar Properties**	R SkyLite 20 XTRM		R SkyLite 20 XTRM Poly	R Silver 20 XTRM		DR Grey 20 XTRM	
	Single	Double	Single	Single	Double	Single	Double
Pane	Single	Double	Single	Single	Double	Single	Double
Visible Light Transmitted	15%	14%	15%	15%	14%	20%	18%
Visible Light Reflected (Interior)	63%	65%	63%	63%	65%	17%	23%
Visible Light Reflected (Exterior)	66%	66%	66%	63%	65%	40%	41%
Ultra Violet Block	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%
Glare Reduction	84%	83%	84%	84%	83%	78%	78%
Solar Heat Gain Coeff. (G-Value)	0.17	0.14	0.17	0.17	0.14	0.29	0.22
Total Solar Energy Rejected (%)	83%	86%	83%	83%	86%	71%	78%

Correct installation procedures are vital for maximum longevity. We offer complete, professional training for certification of window film experts qualified to install XTRM exterior films. Products are available exclusively to Avery Dennison XTRM certified installers.

XTRM films require edge sealing

\* Speak with your Avery Dennison window film sales representative for complete warranty details.

\*\* Performance results are calculated on 1/8" glass using NFRC methodology and LBNL Window 5.2 software, and are subject to variations in process conditions within industry standards. Performance calculations should only be used for estimating purposes.

\*\*\* Selective InfraRed Rejection (SIRR) - The percentage of IR radiation that is not directly transmitted through a glazing system. Calculated as %SIRR = 100% - % Transmission (@780-2500nm).

\*\*\*\* InfraRed Energy Rejection (IRER) - The percentage of Near Infrared Energy Rejection as measured between 780-2500 nm. Calculated as the TSER over 780-2500 nm: %IRER = 100% - 100\*SHGC (@ 780-2500 nm).

DISCLAIMER - All Avery Dennison statements, technical information and recommendations are based on tests believed to be reliable but do not constitute a guarantee or warranty. All Avery Dennison products are sold with the understanding that purchaser has independently determined the suitability of such products for its purposes. All Avery Dennison's products are sold subject to Avery Dennison's general terms and conditions of sale, see <http://terms.europe.averydennison.com>

©2019 Avery Dennison Corporation. All rights reserved. Avery Dennison and all other Avery Dennison brands, this publication, its content, product names and codes are owned by Avery Dennison Corporation. All other brands and product names are trademarks of their respective owners. This publication must not be used, copied or reproduced in whole or in part for any purposes other than marketing by Avery Dennison.

2019-09\_19422EN



Graphics  
Solutions

[graphics.averydennison.eu](http://graphics.averydennison.eu)